



# WISCONSIN FARM REPORTER

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The Wisconsin Farm Reporter is compiled from data and reports released by the USDA, National Agricultural Statistics Service (NASS).

All NASS data and reports are available free at [www.nass.usda.gov](http://www.nass.usda.gov)

## September Milk Prices

The Wisconsin all milk price for September 2019 was \$19.90 per hundredweight (cwt). This was 80 cents higher than last month's price and \$2.40 higher than last September's price.

The U.S. all milk price for September was \$19.30 per cwt, 60 cents lower than Wisconsin's price but 40 cents higher than last month's U.S. price. Nineteen of the 24 major milk producing states had a higher price when compared with August, while 5 states had a lower price. Iowa has the largest price increase, up \$1.10, to \$20.40 per cwt.

The Chicago Mercantile Exchange\* (CME) 40-pound block cheese price closed at \$2.1750 per pound on October 31, while barrels were \$2.2875 per pound. The CME butter price was \$2.0825 per pound.

For the week ending October 26, 2019, the Agricultural Marketing Service\* U.S. weekly 40-pound block cheese price averaged \$2.0570 per pound, and 500 pound barrels adjusted to 38 percent moisture averaged \$1.9685 per pound. The U.S. butter price was \$2.1435 per pound.

### Milk Prices<sup>1</sup>

Selected states	September 2018		August 2019		September 2019	
	Price	Fat	Price	Fat	Price	Fat
	per cwt.	test	per cwt.	test	per cwt.	test
	(dollars)	(percent)	(dollars)	(percent)	(dollars)	(percent)
Milk for all uses						
CA	16.56	3.89	18.70	3.71	18.60	3.78
ID	16.40	3.93	18.30	3.82	19.10	3.94
IA	17.40	3.88	19.30	3.84	20.40	3.90
MI	15.40	3.73	17.60	3.69	17.90	3.77
MN	17.70	3.95	19.40	3.92	20.40	3.97
NM	15.10	3.65	17.20	3.64	17.40	3.69
NY	17.10	3.76	19.10	3.74	19.40	3.84
PA	17.10	3.71	19.40	3.71	19.60	3.81
TX	17.30	4.04	19.20	4.02	19.60	4.06
WI	17.50	3.82	19.10	3.77	19.90	3.85
US	16.90	3.84	18.90	3.78	19.30	3.85

1. Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

## Prices Received by Farmers

The September 2019 average price received by farmers for **corn** in Wisconsin was \$3.69 per bushel. This was down 20 cents from August but up 40 cents from the previous September.

The September **soybean** price, at \$8.17 per bushel, was down 8 cents from August and down 75 cents from the previous September.

The September **oat** price was \$3.07 per bushel, 4 cents above the August price and 43 cents above September 2018.

**All hay** prices in Wisconsin averaged \$176.00 per ton in September, up \$6.00 from August and \$31.00 above September 2018. The **alfalfa hay** price averaged \$190.00 per ton in September, down \$2.00 from August but \$36.00 above the previous September. The **other hay** price averaged \$135.00, up \$23.00 from August and up \$15.00 from the September 2018 price.

Prices received for **milk cows** for dairy herd replacement averaged \$1,270 per head as of October 1, 2019.

### Prices Received by Farmers

WISCONSIN		September 2018	August 2019	September 2019
		(dollars)		
Corn	bu	3.29	3.89	3.69
Hay, all baled	ton	145.00	170.00	176.00
Alfalfa	ton	154.00	192.00	190.00
Other	ton	120.00	112.00	135.00
Oats	bu	2.64	3.03	3.07
Soybeans	bu	8.92	8.25	8.17
Milk cows <sup>12</sup>	head	1,180.00	1,210.00	1,270.00
UNITED STATES		September 2018	August 2019	September 2019
		(dollars)		
Corn	bu	3.40	3.93	3.80
Hay, all baled	ton	164.00	162.00	159.00
Alfalfa	ton	179.00	179.00	181.00
Other	ton	135.00	127.00	120.00
Oats	bu	2.62	2.76	2.76
Soybeans	bu	8.78	8.22	8.35
Milk cows <sup>12</sup>	head	1,230.00	1,240.00	1,310.00
Calves	cwt	169.00	142.00	144.00
Cattle, all beef	cwt	108.00	111.00	103.00
Cows <sup>3</sup>	cwt	60.80	68.30	65.60
Steers & Heifers	cwt	110.00	112.00	104.00
Hogs, all	cwt	43.20	58.50	47.70
Barrows & Gilts	cwt	43.70	59.30	48.30
Sows	cwt	28.60	38.30	31.90
Eggs (market) <sup>4</sup>	doz	0.711	0.662	0.424

<sup>1</sup> Animals sold for dairy herd replacement only. Prices available for January, April, July, and October. <sup>2</sup> Milk cow prices are for October 1, 2018, July 1, 2019, and October 1, 2019. <sup>3</sup> Beef cows and cull dairy cows sold for slaughter. <sup>4</sup> Mid-month price. Also referred to as table eggs.

## Crop Production

### Wisconsin

Wisconsin **corn** production is forecast at 463 million bushels. Based on conditions as of November 1, yields are expected to average 163 bushels per acre, unchanged from the October 1 forecast but down 9 bushels per acre from last year. Corn planted acreage is estimated at 3.85 million acres. An estimated 2.84 million acres will be harvested for grain.

**Soybean** production is forecast at 79.6 million bushels. The yield is forecast at 46.0 bushels per acre, unchanged from the October 1 forecast but down 2.0 bushels below last year. Soybean planted acreage is estimated at 1.75 million acres with 1.73 million acres to be harvested.

**Potato** production is forecast at 29.0 million hundredweight (cwt), up 7 percent from 2018. The potato yield is forecast at 420 cwt per acre, up 15 cwt from 2018. Wisconsin potato growers expect to harvest 69,000 acres, up 2,000 acres from last year.

The forecasts in this report are based on November 1 conditions and do not reflect weather effects since that time. The next corn and soybean production estimates will be published in the *Crop Production – Annual Summary* report which will be released January 10, 2020.

### United States

Corn production for grain is forecast at 13.7 billion bushels, down 1 percent from the previous forecast and down 5 percent from last year. Based on conditions as of November 1, yields are expected to average 167.0 bushels per harvested acre, down 1.4 bushels from the previous forecast and down 9.4 bushels from 2018. Area harvested for grain is forecast at 81.8 million acres, unchanged from the previous forecast but up slightly from 2018.

Soybean production for beans is forecast at 3.55 billion bushels, down slightly from the previous forecast and down 20 percent from last year. Based on conditions as of November 1, yields are expected to average 46.9 bushels per acre, unchanged from the previous forecast but down 3.7 bushels from 2018. Area harvested for beans in the United States is forecast at 75.6 million acres, unchanged from the previous forecast but down 14 percent from 2018.

## 2019 Corn for Grain Objective Yield Data

The National Agricultural Statistics Service conducted objective yield surveys in 10 corn-producing States during 2019. Randomly selected plots in corn for grain fields were visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual field counts from this survey.

### Corn for Grain: Plant Population per Acre, Selected States, 2015-2019

State	2015	2016	2017	2018	2019 <sup>1</sup>
	Number				
IA	31,450	31,050	31,150	31,100	30,750
MN	30,750	30,550	30,600	30,900	30,550
WI	<b>29,450</b>	<b>29,800</b>	<b>29,150</b>	<b>30,650</b>	<b>29,750</b>

<sup>1</sup>Estimated November 1, 2019.

### Corn for Grain: Number of Ears per Acre, Selected States, 2015-2019

State	2015	2016	2017	2018	2019 <sup>1</sup>
	Number				
IA	30,850	30,500	30,600	30,800	30,100
MN	30,450	30,250	30,850	30,800	29,650
WI	<b>28,600</b>	<b>28,750</b>	<b>28,600</b>	<b>30,450</b>	<b>29,850</b>

<sup>1</sup>Estimated November 1, 2018.

### Corn for Grain: Percentage Distribution by Plant Population Per Acre, Wisconsin, 2015-2019

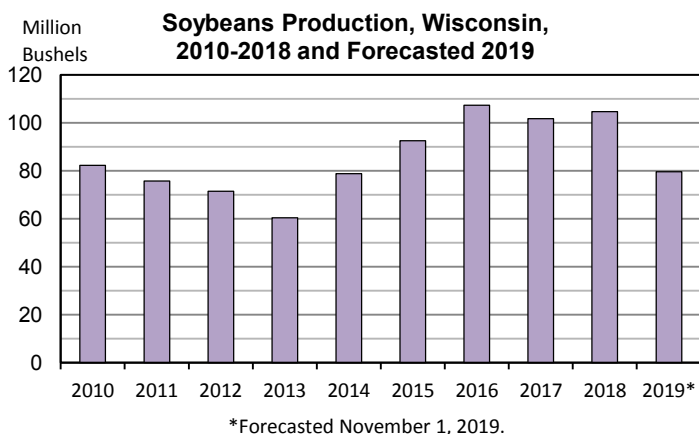
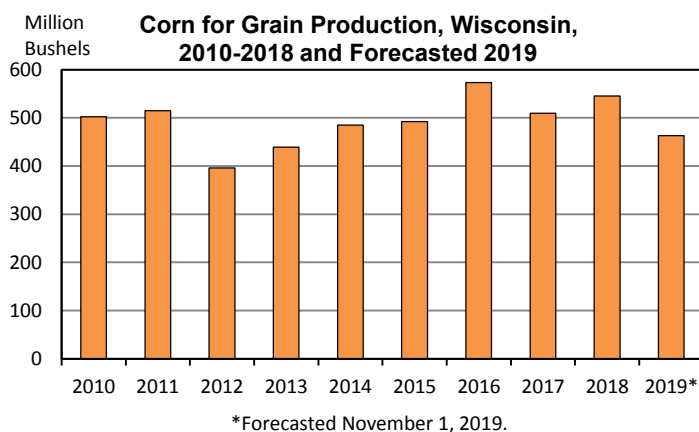
Year	Less than 20,000	20,000 - 22,500	22,501 - 25,000	25,001 - 27,500	27,501 - 30,000	More than 30,000
	Percent					
2015	2.4	2.4	7.3	14.6	23.2	50.1
2016	2.4	4.9	3.7	11.0	18.3	59.7
2017	3.9	2.6	6.6	19.7	21.1	46.1
2018	2.0	2.0	-	7.9	19.8	68.3
<b>2019</b>	<b>-</b>	<b>-</b>	<b>11.8</b>	<b>14.7</b>	<b>23.5</b>	<b>50.0</b>

### Corn for Grain: Percentage Distribution by Measured Row Width and Average Row Width, as of November 1, 2019, Selected States

State	No. of Samples	Row Width (inches)						Average Row Width
		20.5 or Less	20.6 – 30.5	30.6 – 34.5	34.6 – 36.5	36.6 – 38.5	38.6 & Greater	
	Number	Percent						Inches
IA	133	1.5	78.1	18.8	0.8	0.8	-	30.0
MN	73	5.5	72.6	17.8	4.1	-	-	28.9
WI	<b>34</b>	<b>2.9</b>	<b>79.5</b>	<b>14.7</b>	<b>-</b>	<b>-</b>	<b>2.9</b>	<b>29.9</b>

## Area Harvested, Yield, and Production Summary, Wisconsin and United States: 2017 and Forecasted November 1, 2018

State		Area harvested		Yield per acre		Production	
		2018	2019	2018	2019	2018	2019
		(1,000 acres)		(units)		(1,000 units)	
<b>WISCONSIN</b>							
Corn	(bu)	3,170	2,840	172.0	163.0	545,240	462,920
Potatoes, all	(cwt)	67.0	69.0	405	420	27,135	28,980
Soybeans	(bu)	2,180	1,730	48.0	46.0	104,640	79,580
<b>UNITED STATES</b>							
Corn	(bu)	81,740	81,815	176.4	167.0	14,420,101	13,661,005
Potatoes, all	(cwt)	1,014.8	938.9	443	450	450,020	422,451
Soybeans	(bu)	87,594	75,626	50.6	46.9	4,428,150	3,549,977



### U.S. Corn Supply and Use<sup>1</sup>

CORN	2017-2018	2018-2019 (Est.)	2019-2020 <sup>2</sup> Projections November
	(million bushels)		
Beginning Stocks	2,293	2,140	2,114
Production	14,609	14,420	13,661
Imports	36	28	50
<b>Supply, total</b>	<b>16,939</b>	<b>16,588</b>	<b>15,825</b>
Feed & Residual	5,304	5,618	5,275
Food, Seed & Industrial	7,057	6,791	6,790
<b>Domestic, total</b>	<b>12,361</b>	<b>12,409</b>	<b>12,065</b>
Exports	2,438	2,065	1,850
<b>Use, total</b>	<b>14,798</b>	<b>14,474</b>	<b>13,915</b>
<b>Ending Stocks, total</b>	<b>2,140</b>	<b>2,114</b>	<b>1,910</b>
Avg. farm price (\$/bu)	3.36	3.61	3.85

<sup>1</sup>Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm> <sup>2</sup>Preliminary

### U.S. Soybean Supply and Use<sup>1</sup>

SOYBEANS	2017-2018	2018-2019 (Est.)	2019-2020 <sup>2</sup> Projections November
	(million bushels)		
Beginning Stocks	302	438	913
Production	4,412	4,428	3,550
Imports	22	14	20
<b>Supply, total</b>	<b>4,735</b>	<b>4,880</b>	<b>4,483</b>
Crushings	2,055	2,092	2,105
Exports	2,134	1,748	1,775
Seed	104	89	96
Residual	5	39	32
<b>Use, total</b>	<b>4,297</b>	<b>3,967</b>	<b>4,008</b>
<b>Ending stocks</b>	<b>438</b>	<b>913</b>	<b>475</b>
Avg. farm price (\$/bu)	9.33	8.48	9.00

<sup>1</sup>Source: USDA OCE World Agricultural Supply and Demand Estimates Report <http://www.usda.gov/oce/commodity/wasde/index.htm> <sup>2</sup>Preliminary

## Chickens & Eggs

Wisconsin **egg production** during September 2019 was 174 million eggs, down 5 percent from last month but up 1 percent from last year. The average number of **all layers on hand** during September 2019 was 6.96 million, virtually unchanged from last month but down 3 percent from last year. **Eggs per 100 layers** for September were 2,494, down 5 percent from last month but up 4 percent from last year.

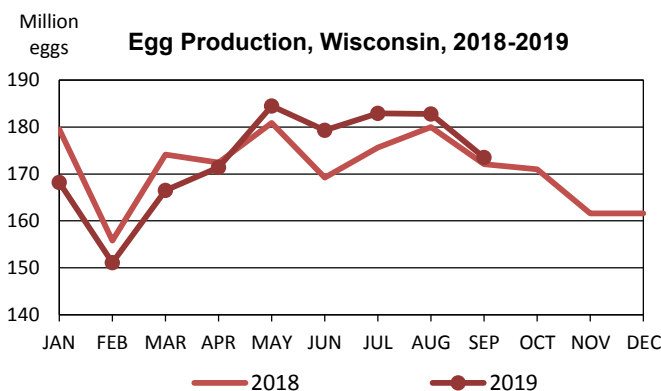
United States egg production totaled 9.19 billion during September 2019, up 2 percent from last year. Production included 8.04 billion table eggs, and 1.15 billion hatching eggs, of which 1.07 billion were broiler-type and 81.7 million were egg-type. The average number of layers during September 2019 totaled 394 million, up 1 percent from last year. September egg production per 100 layers was 2,332 eggs, up 1 percent from September 2018.

Total layers in the United States on October 1, 2019 totaled 395 million, up 1 percent from last year. The 395 million layers consisted of 333 million layers producing table or market type eggs, 58.2 million layers producing broiler-type hatching eggs, and 3.46 million layers producing egg-type hatching eggs. Rate of lay per day on October 1, 2019, averaged 77.6 eggs per 100 layers, up 1 percent from October 1, 2018.

### Layers on Hand and Eggs Produced Wisconsin and United States, September 2018 and 2019

Commodity	Wisconsin		United States	
	2018	2019	2018	2019
Table egg layers in flocks 30,000 & above.....(1,000 layers)	6,102	5,854	315,641	317,044
All layers on hand.....(1,000 layers)	7,195	6,958	391,745	394,120
Eggs per 100 layers.....(eggs)	2,392	2,494	2,311	2,332
Total egg production.....(million eggs)	172.1	173.5	9,052.4	9,189.5
Table egg production.....(million eggs)	(D)	168.0	7,898.8	8,035.2

(D) Withheld to avoid disclosing data for individual operations.



## Milk Production

**Milk production** in Wisconsin during September 2019 totaled 2.52 billion pounds, up 1 percent from the previous September. The average number of milk cows during September, at 1.27 million head, was the same as last month and down 6,000 from last year. Monthly production per cow averaged 1,985 pounds, up 20 pounds from last September.

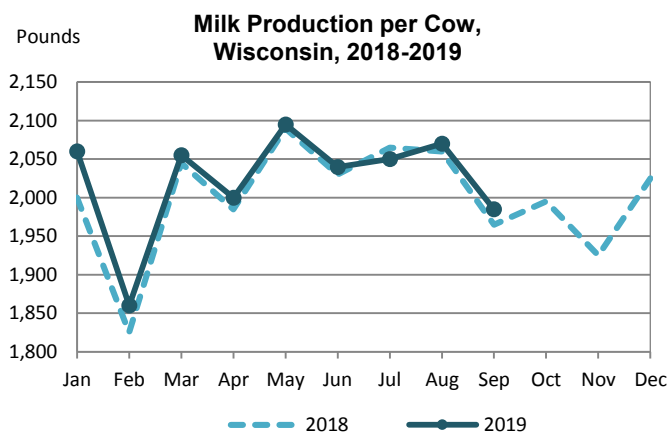
Milk production in the 24 major States during September totaled 16.8 billion pounds, up 1.6 percent from September 2018. August revised production at 17.5 billion pounds, was up 0.5 percent from August 2018. The August revision represented an increase of 32 million pounds or 0.2 percent from last month's preliminary production estimate. Production per cow in the 24 major States averaged 1,913 pounds for September, 33 pounds above September 2018. The number of milk cows on farms in the 24 major States was 8.80 million head, 11,000 head less than September 2018, but 7,000 head more than August 2019.

Milk production in the United States during the July - September quarter totaled 54.3 billion pounds, up 0.5 percent from the July - September quarter last year. The average number of milk cows in the United States during the quarter was 9.32 million head, 10,000 head less than the April - June quarter, and 66,000 head less than the same period last year.

## September Milk Production

State	Milk cows <sup>1</sup>		Milk per cow <sup>2</sup>		Production <sup>2</sup>		Change from 2018
	2018	2019	2018	2019	2018	2019	
	(thousand head)		(pounds)		(million pounds)		(percent)
Arizona	206	195	1,795	1,805	370	352	-4.9
California	1,732	1,727	1,860	1,895	3,222	3,273	+1.6
Colorado	178	188	2,115	2,110	376	397	+5.6
Florida	118	116	1,380	1,415	163	164	+0.6
Georgia	80	79	1,610	1,595	129	126	-2.3
Idaho	610	627	2,045	2,060	1,247	1,292	+3.6
Illinois	88	83	1,570	1,600	138	133	-3.6
Indiana	182	175	1,770	1,800	322	315	-2.2
Iowa	220	217	1,920	1,950	422	423	+0.2
Kansas	160	162	1,870	1,895	299	307	+2.7
Michigan	422	428	2,115	2,165	893	927	+3.8
Minnesota	451	446	1,770	1,810	798	807	+1.1
New Mexico	327	327	2,005	2,045	656	669	+2.0
New York	621	627	1,950	1,965	1,211	1,232	+1.7
Ohio	255	251	1,680	1,725	428	433	+1.2
Oregon	122	125	1,690	1,705	206	213	+3.4
Pennsylvania	517	485	1,610	1,650	832	800	-3.8
South Dakota	121	126	1,840	1,865	223	235	+5.4
Texas	540	570	1,925	1,995	1,040	1,137	+9.3
Utah	100	96	1,920	1,915	192	184	-4.2
Vermont	126	125	1,720	1,745	217	218	+0.5
Virginia	81	73	1,520	1,560	123	114	-7.3
Washington	277	281	1,995	2,005	553	563	+1.8
<b>Wisconsin</b>	<b>1,273</b>	<b>1,267</b>	<b>1,965</b>	<b>1,985</b>	<b>2,501</b>	<b>2,515</b>	<b>+0.6</b>
<b>24-State Total</b>	<b>8,807</b>	<b>8,796</b>	<b>1,880</b>	<b>1,913</b>	<b>16,561</b>	<b>16,829</b>	<b>+1.6</b>

<sup>1</sup>Includes dry cows. Excludes heifers not yet fresh. <sup>2</sup>Excludes milk sucked by calves.



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Media contact: Greg Bussler  
USDA, NASS, Upper Midwest Region,  
Wisconsin Field office

(800)789-9277  
(608)224-4848  
<http://www.nass.usda.gov/wi/>